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🔍 Title: **CN1420652A: Passive optic network up bandwidth dynamic allocation data transmission method**

🔍 Derwent Title: Passive optic network up bandwidth dynamic allocation data transmission method [\[Derwent Record\]](#)

🔍 Country: **CN China**

🔍 Kind: **A Unexamined APPLIC. open to Public inspection**

🔍 Inventor: **SHAN TANG; China**
WEIDONG GAO; China

🔍 Assignee: **RUNGUANG TAILI SCI. & TECH. DEV. CO., LTD., BEIJING China**
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🔍 Published / Filed: **2003-05-28 / 2001-11-21**

🔍 Application Number: **CN2001000139949**

🔍 IPC Code: **IPC-7: H04J 14/08;**

🔍 ECLA Code: **None**

🔍 Priority Number: **2001-11-21 CN2001000139949**

🔍 Abstract: A method to distribute the transmission data dynamically for the up bandwidth of passive optical network over Ethernet using time division multiple access mode comprises determining the time of transmission delay and response to each of the client and setting the maximum time of window length for each time of transmission of every client, requesting for a data length being transmitted when each client wants to send a data, distributing the length and position of time window used for transmission by the control centre and sending the authorized information to each of the client according to the determining result and application information in order to stagger the reaching time of information transmitted from each of the client to data transmission control centre for avoiding the collision.



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🔍 Family:

PDF	Publication	Pub. Date	Filed	Title
<input checked="" type="checkbox"/>	CN1420652A	2003-05-28	2001-11-21	Passive optic network up bandwidth dynamic allocation data transmission method
1 family members shown above				

🔍 Other Abstract Info: [DERABS C2003-588333](#)



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Passive optic network up bandwidth dynamic allocation data transmission method



Patent number: CN1420652
Publication date: 2003-05-28
Inventor: TANG SHAN (CN); GAO WEIDONG (CN)
Applicant: RUNGUANG TAILI SCI & TECH DEV (CN)
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- international: **H04J14/08; H04J14/08; (IPC1-7): H04J14/08**
- european:
Application number: CN20010139949 20011121
Priority number(s): CN20010139949 20011121

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Abstract of **CN1420652**

A method to distribute the transmission data dynamically for the up bandwidth of passive optical network over Ethernet using time division multiple access mode comprises determining the time of transmission delay and response to each of the client and setting the maximum time of window length for each time of transmission of every client, requesting for a data length being transmitted when each client wants to send a data, distributing the length and position of time window used for transmission by the control centre and sending the authorized information to each of the client according to the determining result and application information in order to stagger the reaching time of information transmitted from each of the client to data transmission control centre for avoiding the collision.

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